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|--------------------------------|--------------|------------------|---|
| <b>Smart Skies</b>             |              |                  |   |
| <b>2007 Mathematics</b>        |              |                  |   |
| <b>State Frameworks</b>        |              |                  |   |
| <b>Mississippi Mathematics</b> |              |                  |   |
| <b>Grade 5</b>                 |              |                  |   |
| <b>Activity/Lesson</b>         | <b>State</b> | <b>Standards</b> |   |
| Fly by Math                    | MS           | MA.5.5.a         | Use the mean, median, mode, and range to analyze a data set.  |
| Fly by Math                    | MS           | MA.5.5.b         | Compare data and interpret quantities represented on tables and graphs, including line graphs, stem-and-leaf plots, histograms, and box-and-whisker plots to make predictions, and solve problems based on the information. |
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| <b>Smart Skies</b>             |              |                  |   |
| <b>2007 Mathematics</b>        |              |                  |   |
| <b>State Frameworks</b>        |              |                  |   |
| <b>Mississippi Mathematics</b> |              |                  |   |
| <b>Grade 6</b>                 |              |                  |   |
| <b>Activity/Lesson</b>         | <b>State</b> | <b>Standards</b> |   |
| Fly by Math                    | MS           | MA.6.2.e         | Describe a rule for a function table using words, symbols, and points on a graph and vice versa.  |
| Fly by Math                    | MS           | MA.6.5.a         | Construct, interpret, and explain line graphs, double bar graphs, frequency plots, stem-and-leaf plots, histograms, and box-and-whisker plots.  |
| Line Up with Math              | MS           | MA.6.2.e         | Describe a rule for a function table using words, symbols, and points on a graph and vice versa.  |
| Line Up with Math              | MS           | MA.6.4.f         | Apply techniques and tools to accurately find length, area, and angle measures to appropriate levels of precision.  |
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| <b>2007 Mathematics</b>        |              |                  |   |
| <b>State Frameworks</b>        |              |                  |   |
| <b>Mississippi Mathematics</b> |              |                  |   |
| <b>Grade 7</b>                 |              |                  |   |
| <b>Activity/Lesson</b>         | <b>State</b> | <b>Standards</b> |   |
| Fly by Math                    | MS           | MA.7.5.a         | Use proportions, estimates, and percentages to construct, interpret, and make predictions about a population based on histograms or circle graph representations of data from a sample.                                     |
| Fly by Math                    | MS           | MA.7.5.c         | Construct and interpret line graphs, frequency tables, circle graphs, box-and-whisker plots, and scatter plots to generalize trends from given data.  |
| Line Up with Math              | MS           | MA.7.4.a         | Convert from one unit to another, perform basic operations, and solve real-world problems using standard (English and metric) measurements within the same system.  |
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| 2007 Mathematics               |              |                  |   |
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| State Frameworks               |              |                  |   |
| <b>Mississippi Mathematics</b> |              |                  |   |
| <b>Grades 8-9</b>              |              |                  |   |
| <b>Activity/Lesson</b>         | <b>State</b> | <b>Standards</b> |   |
| Fly by Math                    | MS           | MA.8-9.TA.2.f    | Write linear equations given slope and y-intercept or two points.   |
| Fly by Math                    | MS           | MA.8-9.TA.5.a    | Construct graphs, make predictions, and draw conclusions from tables, line graphs, and scatter plots.                         |
| Line Up with Math              | MS           | MA.8-9.TA.2.b    | Explain and illustrate how changes in one variable may result in a change in another variable.                                |
| Line Up with Math              | MS           | MA.8-9.TA.2.f    | Write linear equations given slope and y-intercept or two points.   |
| Line Up with Math              | MS           | MA.8-9.TA.4.a    | Solve real-world problems involving measurements (i.e., circumference, perimeter, area, volume, distance, temperature, etc.). |
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